

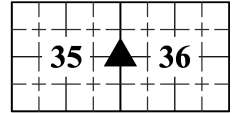
GREENE COUNTY CORNER PERPETUATION RECORD

Corner ID: 6N5W_X21

Quarter Corner

Sections 35 & 36 - T06N - R05W, 2nd P.M.

Taylor Township, Greene County, Indiana



PERPETUATION RECORD

MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" diameter by 24" long rebar with an orange plastic cap stamped "OSER IN PS# 21100022" set 2" above grade

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The rebar is on the west side of the west ditch of US Highway 231 approximately 6 feet west of the riprap edge.

GEODETIC COORDINATES: (OSM #5501)

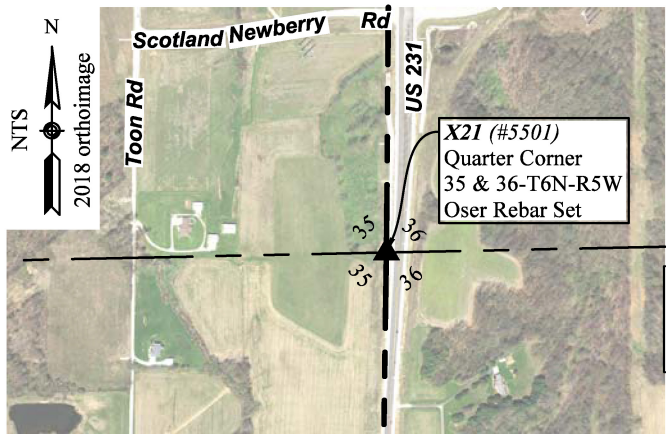
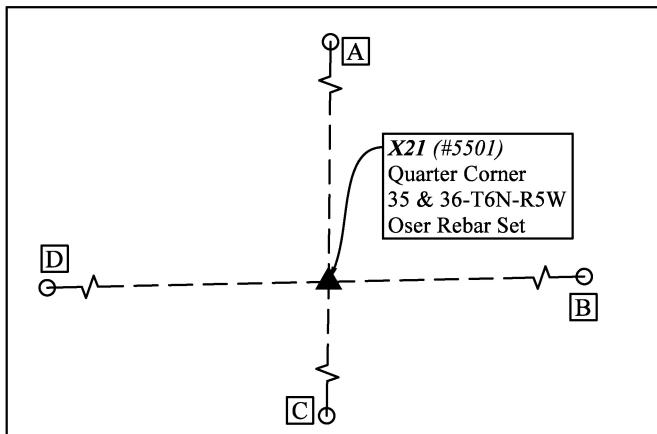
Northing	Easting	Datum
286130.35	837877.92	InGCS Greene Zone, US Survey Feet
1334151.17	2998482.78	NAD83(2011) IN West Zone, US Survey Feet

WITNESS MONUMENT TIES: Describe at least three witness objects.

The rebar is approximately 1230 feet southerly of the intersection of US Highway 231 with State Road 58/Scotland Newberry Road. No permanent and easily identifiable objects that would have made useful witness ties were observed in the immediate vicinity of the corner.

ID	Bearing	Distance	Description
A	N 00°26'37" E	1330.33'	W21 (#10227) N 1/16 Corner of Sections 35 & 36-T6N-R5W 5/8" rebar with yellow plastic cap stamped "BRG INC 6892 IN" found flush
B	N 88°49'26" E	2642.09'	X23 (#10137) Center 1/4 Corner of Section 36-T6N-R5W 5/8" diameter by 24" long rebar with an orange plastic cap stamped "OSER IN PS# 21100022" found 2" below grade
C	S 00°50'13" W	2663.23'	Z21 (#10159) Section Corner of Sections 25 & 36-T6N-R5W Magspike in 1-1/4" Pipe found 2-1/2" below grade
D	S 88°47'58" W	2644.70'	X19 (#10179) Center 1/4 Corner of Section 35-T6N-R5W Stone inscribed "CEN 1/4 35" found 3" below grade

MONUMENT LOCATION SKETCH: Attach a sketch or aerial image.



CORNER REPORT

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

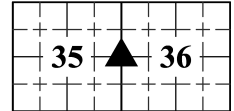
The original government land surveyors monumented the section corners and quarter corners of each section with wooden posts in the early 1800s. The task of replacing the original wooden posts with permanent objects such as stones, and setting permanent objects at the center of section and other interior aliquot corners was left to the county surveyors (in the 1800s and early 1900s) and later to local surveyors in private practice. No record was found of a legal

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survey to perpetuate the original wooden post with a stone.

In 2010, Dennis Helms calculated this corner at the midpoint of a line connecting the southwest and northwest corners of Section 36. The corner was deflected easterly to match evidence located along the west boundary of the southwest quarter of the northwest quarter of Section 36. The Helms survey was performed prior to the construction of Interstate 69 and the widening/rerouting of US Highway 231. At the time of the Helms survey, the west right-of-way of US Highway 231 was east of the north/south section line. Presently, the west right-of-way is west of the north/south section line and the possession evidence that Helms located is gone.

We considered monumenting the corner at the intersection of the north/south section line established by Helms with the easterly extension of the south line of the southeast quarter of the northwest quarter of Section 35 formed between the stone found at X18 and the stone found at X19. This method would have resulted in a corner location 9 feet north of the location established by Helms in 2010. Ultimately, we chose to monument the corner as previously established by Helms.

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1811 By: Arthur Henrie & Alex Holmes
Where filed or recorded: https://archive.org/download/IN_PLSS_NotesPlats/S_PM02T06NR05W_Notes.pdf
Original monument: Wooden Post

Bearing Trees or Witness Ties:	Bearing	Distance
20" white oak	North	57.4'

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: By:

Where filed or recorded:

Monument:

Bearing Trees or Witness Ties:	Bearing	Distance

No legal survey records found witnessing this corner

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
6/19/1839	Brown, J.C.	Legal Survey in Sections 34 & 35 (<i>Measured to this corner, but did not describe the monument or witnesses</i>)	Legal Survey Book 1, pg 97
4/16/1884	Parker, Francis M	Legal survey in Section 35 (<i>Measured to this corner, but did not describe the monument or witnesses</i>)	Legal Survey Book 4, pg 34
7/12/2010	Helms, Dennis N.	Survey for Bush Commercial Properties in Section 36 (<i>Calculated corner</i>)	2010-2617

UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: 9 feet.
- Discrepancies in the Documents: No record was found of a historic legal survey to monument this corner with a stone. Without a chain of records to prove the perpetuation of the original wood post, it is impossible to know if the monument found at this corner is in the original location. Therefore, the uncertainty cannot be determined.
- Inconsistencies in the lines of Occupation: None noted.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

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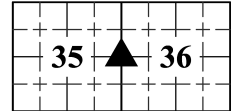


PHOTO IDENTIFIED:



Photo Orientation & Description: Looking south at X21



Photo Orientation & Description: Looking east at X21

FIELD PERSONNEL:

Field Date: 06/07/2022 By: Rachel Oser and Phillip Oser Project : Oser Surveying & Mapping LLC Job# 10226C
Corner Perpetuation Survey for Taylor Township Sections 25, 26, 35 & 36, Township 6 North, Range 5 West

BASIS OF GEODETIC COORDINATES: The basis of bearings is the Indiana Geospatial Coordinate System's (InGCS) "Greene" zone NAD 83 (2011) epoch 2010.00, NAVD 88, geoid18_conus.db3, reported in US Survey Feet and decimal parts thereof. The zone was developed to minimize the differences between ground measured horizontal distances and the corresponding grid coordinate (map) distances within the county. Coordinates are also reported in Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18_conus.db3, US Survey Feet.

Coordinates were established using the Javad GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Positional values of other points listed herein were determined either from static GNSS (Javad Triumph LS Rover), RTK GNSS (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by RTK GNSS. Distances to witness ties were measured with a 100-foot steel tape. Bearings to witness ties were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to InGCS Greene Zone Grid North. Bearings to witness ties are approximately shown hereon for reference. Priority should be given to provided distances over bearings.

CERTIFICATION:

Rachel Oser
Indiana Professional Surveyor 21100022
Oser Surveying & Mapping LLC
4632 E Rocky Road, Bloomfield, IN 47424
(812) 320-2694 • Rachel@OserSurveying.com

Date: 06/14/2022



This document is not complete without the associated plat and report of even date.